

PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/773,434		
		Filing Date	February 9, 2004		
		First Named Inventor	Panayotis C. Andricacos		
		Art Unit	N/A		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	2	Attorney Docket Number	20140-00235-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A.7	AA**	US-3,328,273-A1	06/1967	Creutz et al.	
	AB**	US-3,852,442-A1	03/1972	Powers et al.	
	AC**	US-3,770,598-A1	11/1973	Creutz	
	AD**	US-4,110,176-A1	08/1978	Creutz et al.	
	AE**	US-4,339,319-A1	07/1982	Algo	
	AF**	US-4,376,685-A1	03/1983	Watson	
	AG**	US-4,555,315-A1	11/1985	Barbieri et al.	
	AH**	US-4,975,159-A1	12/1990	Dahms	
	AI**	US-5,258,274-A1	10/1993	Paris	
	AJ**	US-5,268,446-A1	11/1993	Chang et al.	
	AK**	US-5,312,532-A1	05/1994	Andricacos et al.	
	AL**	US-5,391,517-A1	02/1995	Gelatos et al.	
	AM*	US-5,518,412-A1	05/1996	Andricacos et al.	
	AN**	US-5,602,423-A1	02/1997	Jain	
A.7	AO**	US-5,835,423-A1	06/1997	Huang et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ² -Number ³ -Kind Code ⁴ (if known)	MM-DD-YYYY			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **CITE NO.: These patent(s) or publication(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
A.7	CA**	F.A. Lowenheim, "Electroplating", McGraw-Hill Book Co., New York pp. 198-202, 1978.			
A.7	CB**	H. Silman et al., "Protective and Decorative Coatings for Metals", Finishing Publications Ltd., Teddington, Middlesex, England, pp. 310-314, 1978.			
A.7	CC**	Bulkley, Debra, "The First Copper-Based IC's Debut", Design News, Semiconductors, June 7, 1999, pp. S-11-S14.			
A.7	CD**	Andricacos, Panos C., "Copper On-Chip Interconnections, A Breakthrough in Electrodeposition to Make Better Chips", The Electrochem. Soc. Interface, Spring, 1999, pp.32-37.			

Examiner Signature		Date Considered	3/11/05
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PTO/SB/08a/b (05-03)

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				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	20140-00235-US1

<i>A.C.</i>	CE**	Hirano, Makato et al., "Three Dimensional Passive Elements for Compact GaAs MMICs, IEICE Transactions on Electronics, vol. E76-C, No. 6, June 1993, pp. 961-967.	
<i>A.C.</i>	CF**	Contolini et al., "Electrochemical Planarization for Multilevel Metallization", J. Electrochem. Soc., vol. 141, No. 8, Sep. 1994, pp 2503-2510.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120.

*Applicant's unique citation designation number (optional). *Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>[Signature]</i>	Date Considered	3/1/05
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